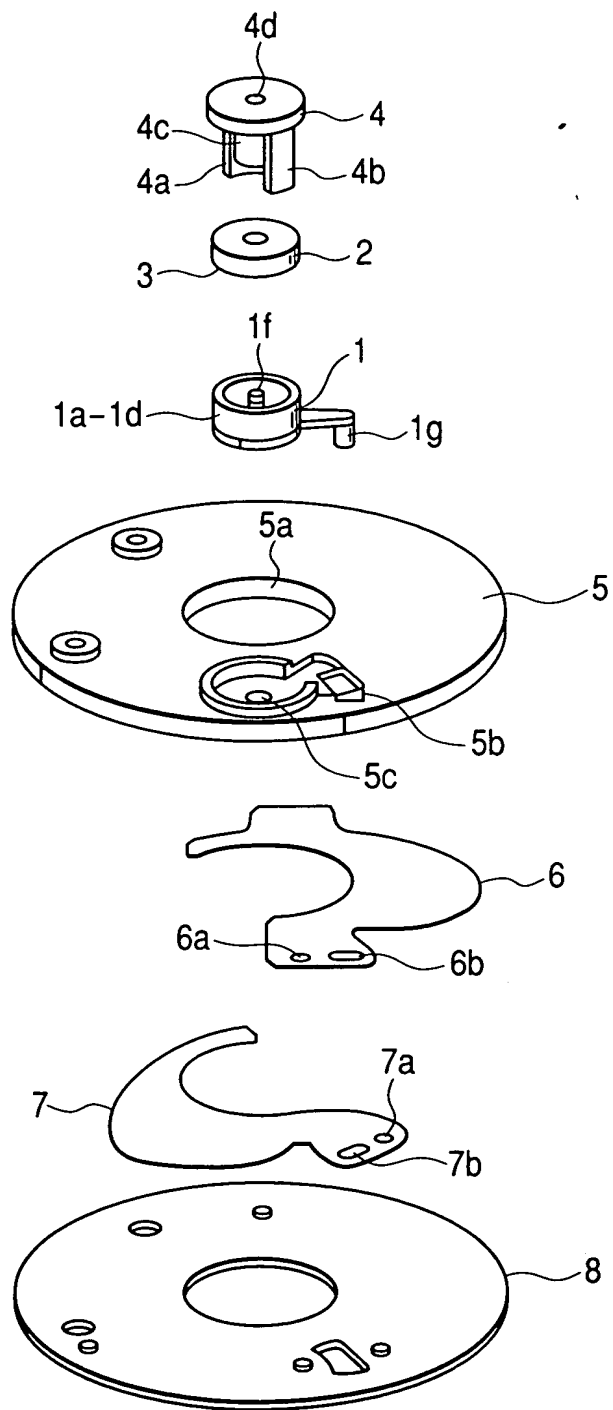
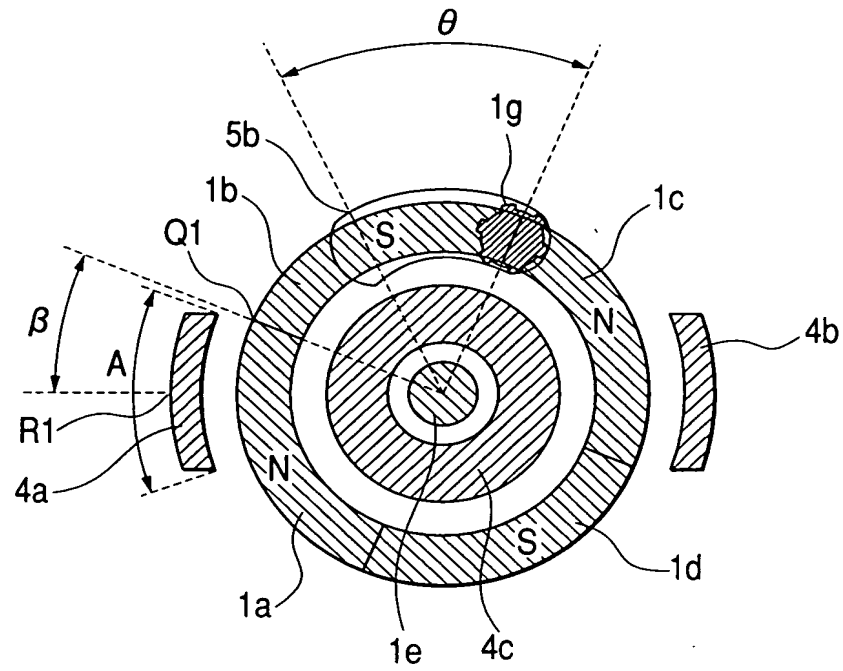


**FIG. 1**

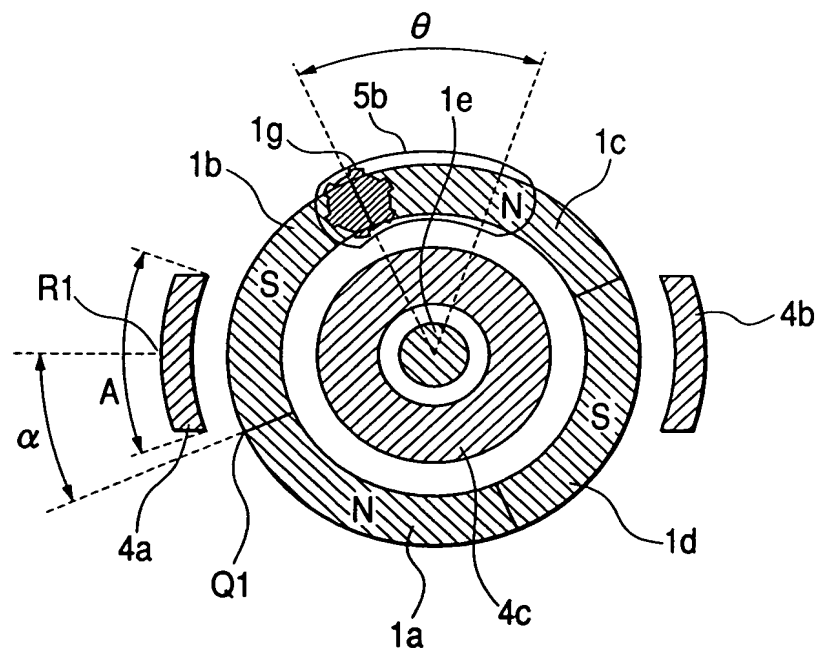




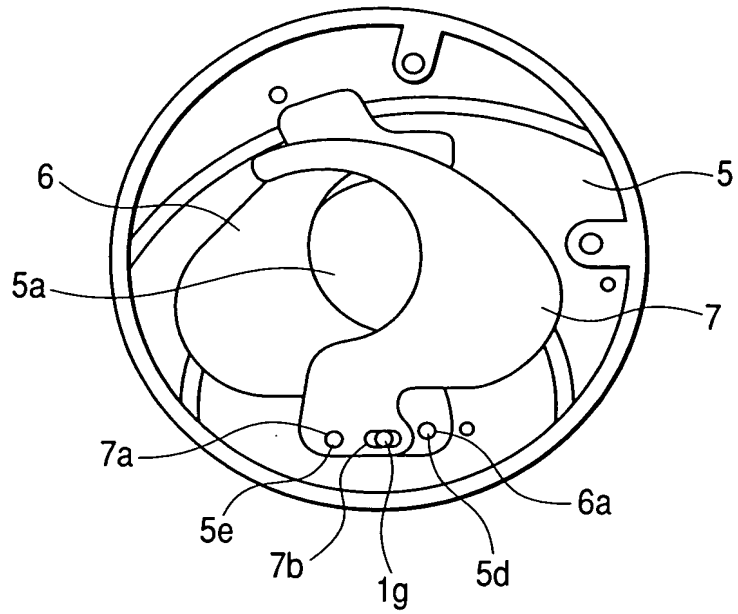
**FIG. 4**



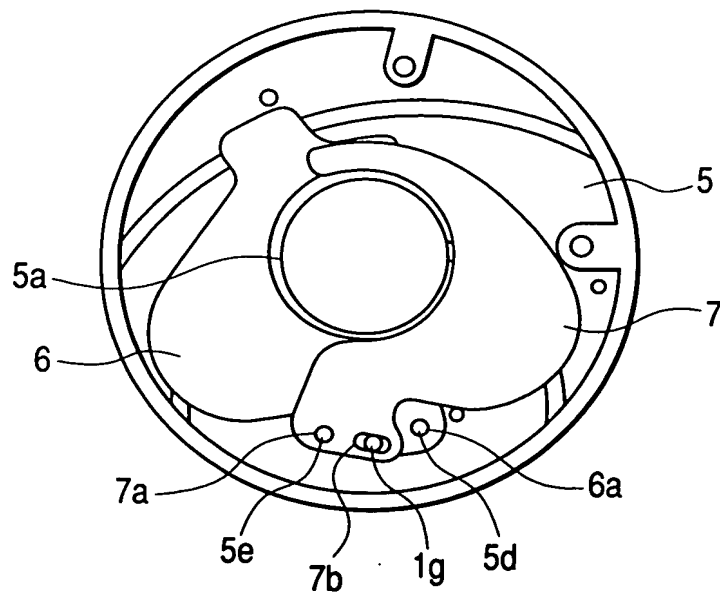
**FIG. 5**



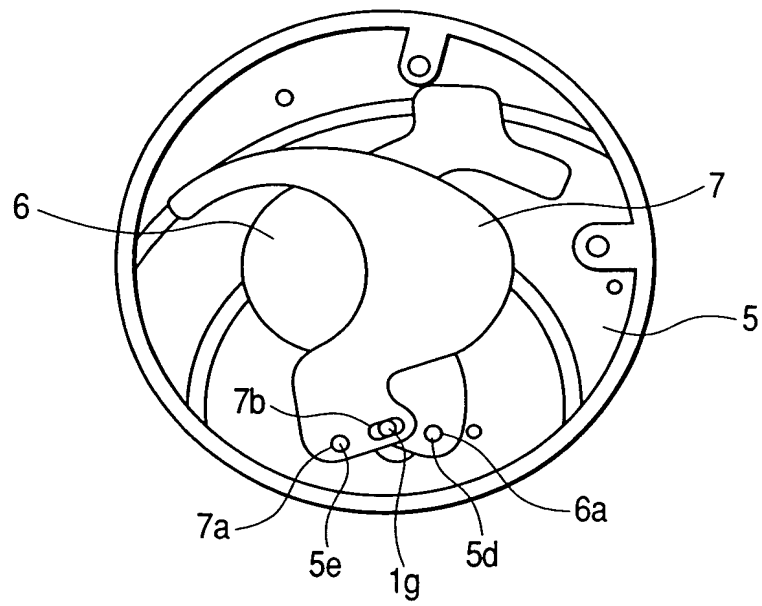
**FIG. 6**



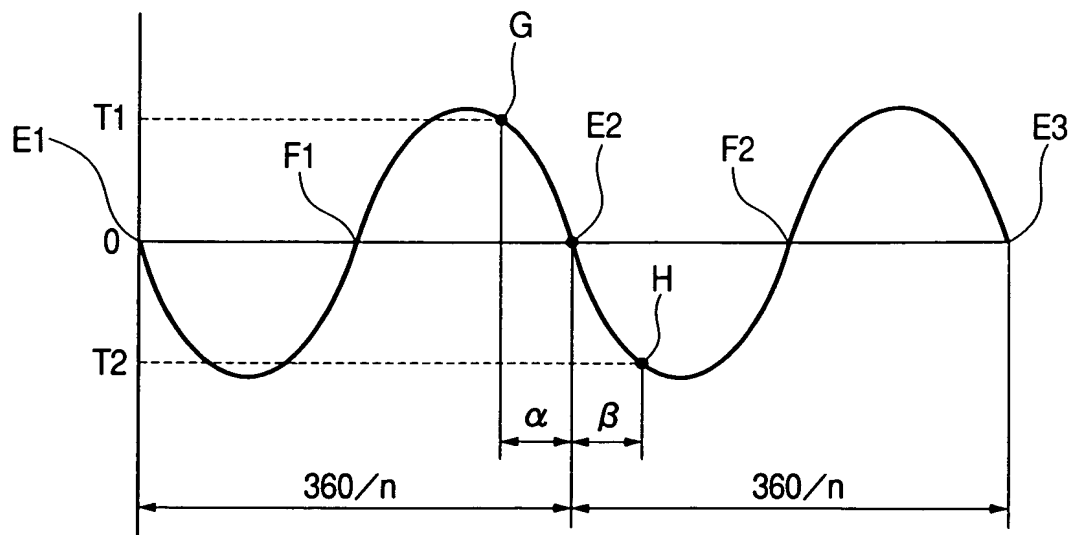
**FIG. 7**



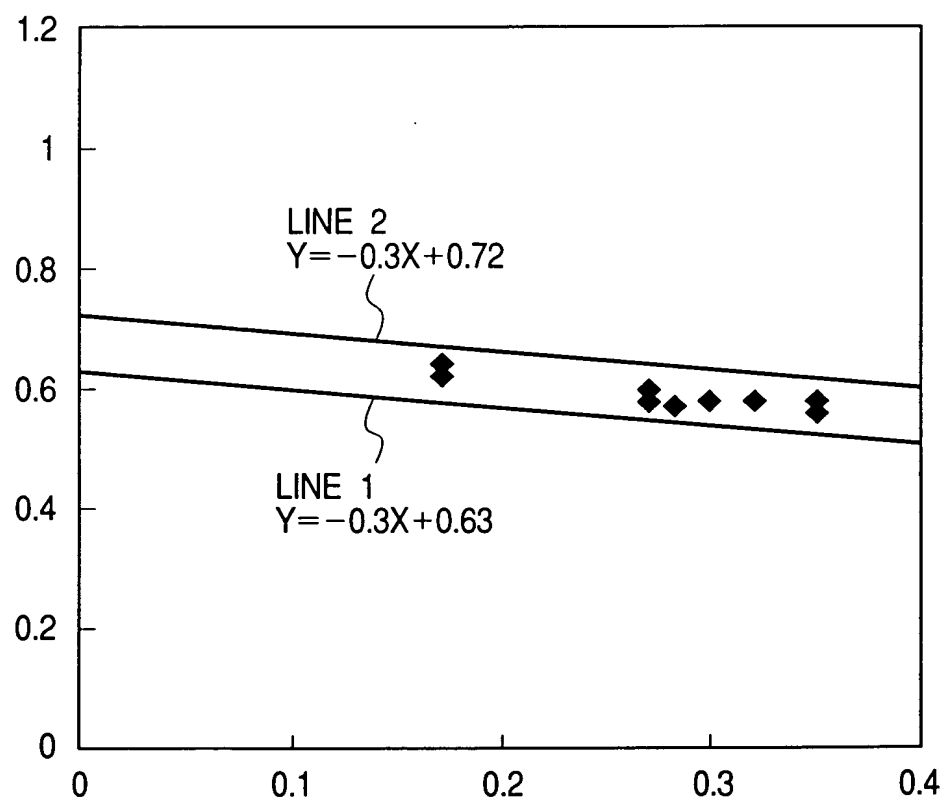
**FIG. 8**



**FIG. 9**



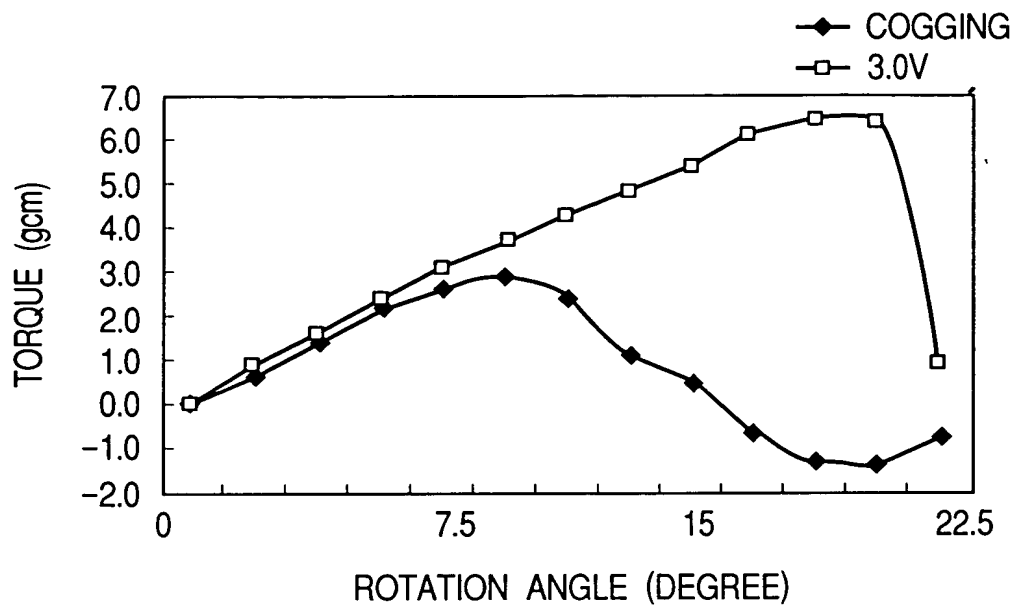
*FIG. 10*



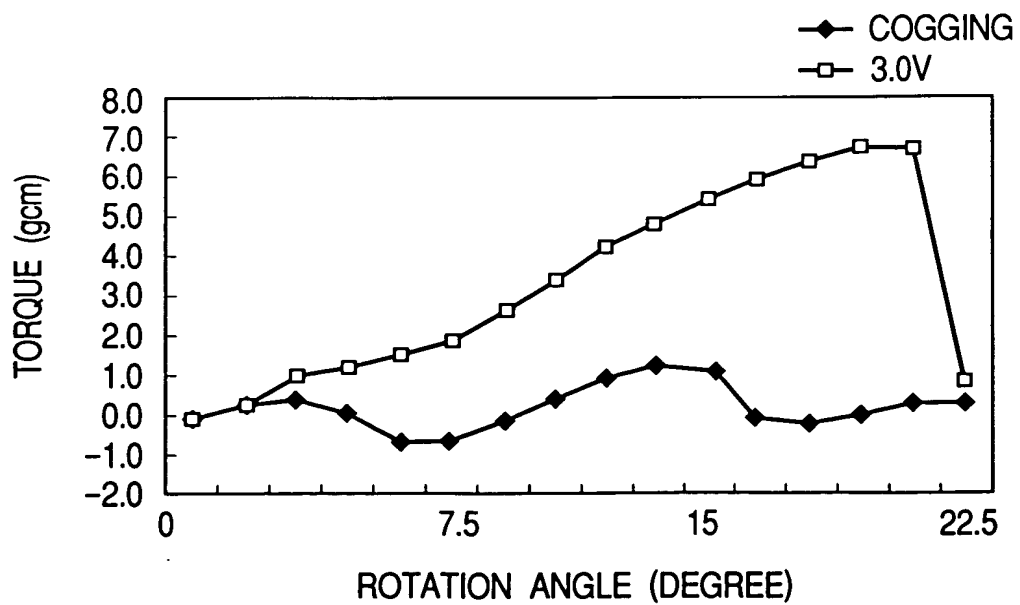
**FIG. 11**

|   | STATOR MAX<br>DIAMETER | MAGNET<br>OUTSIDE<br>DIAMETER | NUMBER OF<br>MAGNETIC<br>POLES | MAGNET<br>THICKNESS |
|---|------------------------|-------------------------------|--------------------------------|---------------------|
| 1 | φ 6                    | 4.8mm                         | 10                             | 0.5mm               |
| 2 | φ 10.9                 | 10mm                          | 20                             | 0.5mm               |
| 3 | φ 11.5                 | 10.6mm                        | 20                             | 0.5mm               |
| 4 | φ 11.9                 | 11mm                          | 20                             | 0.6mm               |
| 5 | φ 11.9                 | 11mm                          | 20                             | 0.5mm               |
| 6 | φ 11.9                 | 11mm                          | 20                             | 0.3mm               |
| 7 | φ 11.9                 | 11mm                          | 12                             | 0.5mm               |
| 8 | φ 11.9                 | 11mm                          | 24                             | 0.5mm               |
| 9 | φ 12.9                 | 12mm                          | 20                             | 0.5mm               |

*FIG. 12*

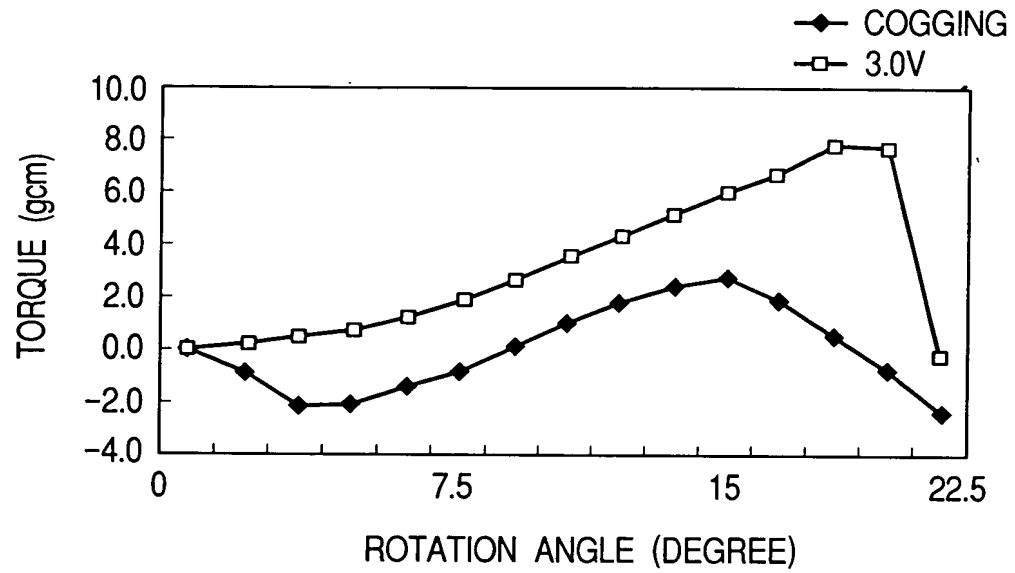


*FIG. 13*

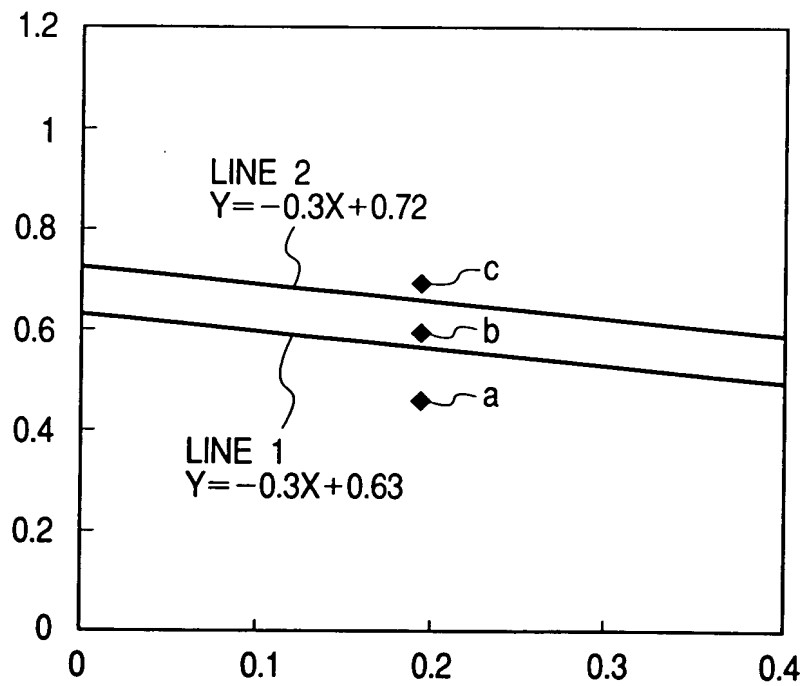




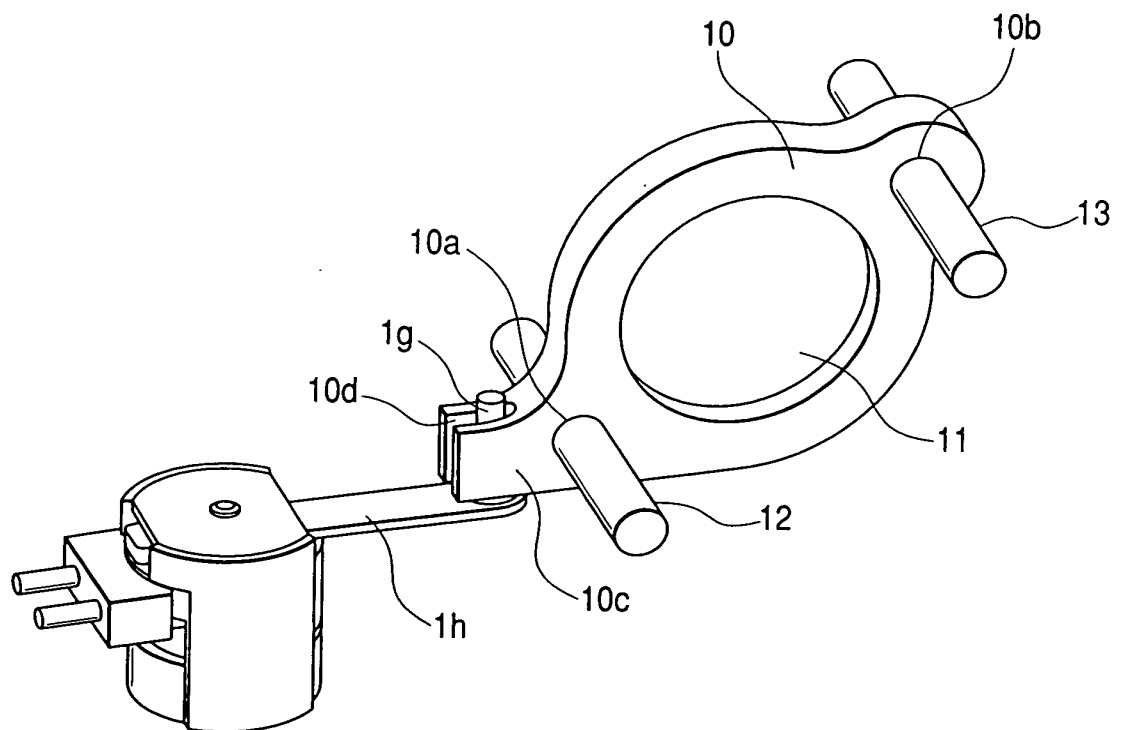
*FIG. 14*



*FIG. 15*



**FIG. 16**



**FIG. 17**  
**PRIOR ART**

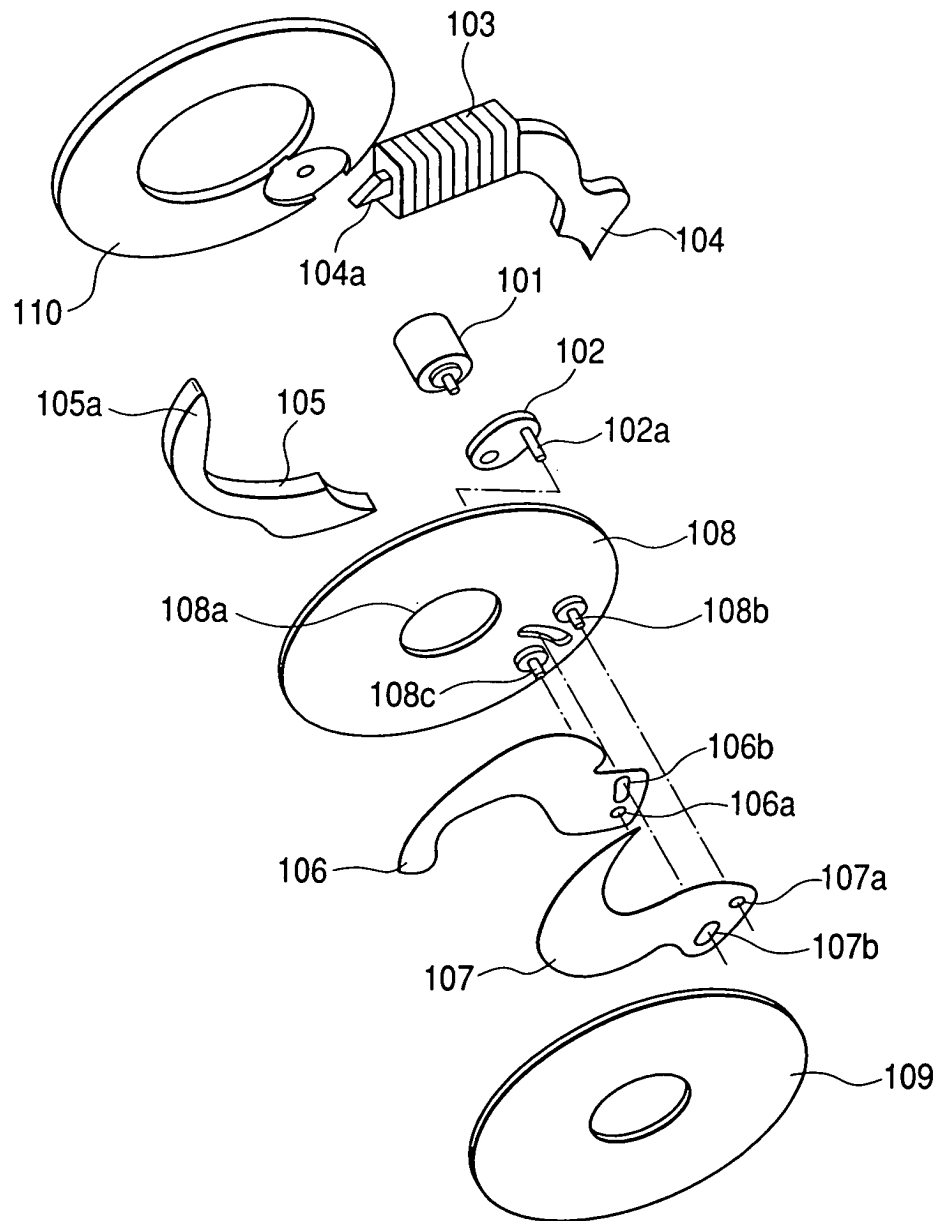


FIG. 18  
PRIOR ART

